

DOCKET NO. NL 010158 (PHIL06-00053)
U.S. SERIAL NO. 10/085,669
PATENT

IN THE CLAIMS

Please amend the claims as follows.

1. (Currently Amended) A module comprising:
a substrate with a side,
a semiconductor device,
a shield of an electrically conducting material, and
an antenna mounted on the substrate, said shield being present between the antenna and the semiconductor device,
wherein the shield and the antenna are present substantially at the same side of the substrate as the semiconductor device.

2. (Currently Amended) A module as claimed in claim 1, wherein the shield is connected to the antenna by a support means.

3. (Previously Presented) A module as claimed in claim 2, wherein the shield and the antenna are metal plates which each comprise a first, a second, and a third portion, said second portion adjoining the first and the third portion and being oriented substantially parallel to the substrate, while at least one of said first and third portions is connected with electrical conduction to electrical conductors at one of the sides of the substrate.

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4. (Currently Amended) A module as claimed in claim 3, wherein the support means comprises a rubbery, electrically insulating material.

5. (Currently Amended) A module as claimed in claim 3, wherein the support means is a strip having a first end and a second end, which strip is undetachably connected at its first end to the metal plate of the antenna and is fastened at its second end to the shield.

6. (Previously Presented) A module as claimed in claim 3, wherein the third portion of the antenna is provided with teeth which are connected to the electrical conductors at one of the sides of the substrate.

7. (Currently Amended) A module as claimed in claim 2, wherein the support means is the carrier of the antenna and comprises an electrically insulating material, the shield is a metal plate which comprises a first, a second, and a third portion, said second portion adjoining the first and the third portion and being oriented substantially parallel to the substrate, while at least one of said first and third portions are connected with electrical conduction to electrical conductors at one of the sides of the substrate, and the support means is fastened on the shield.

8. (Currently Amended) A module as claimed in claim 2, wherein the support means is the carrier of the antenna and of the shield.

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9. (Currently Amended) A module as claimed in claim 8, wherein the support means comprises a first, a second, and a third portion, said second portion adjoining the first and the third portion and being oriented so as to be substantially parallel to the substrate, while said first and third portions extend up to the substrate.

10. (Original) An electronic device provided with a module as claimed in claim 1.

11. (Previously Presented) An electronic device as claimed in claim 10, wherein a carrier is present on which the module and at least one component are fastened, which component emits radiation during operation of the device, the module and the component each having a height with respect to the carrier such that the height of the module is greater than the height of the component.

12. (Withdrawn) A tuner module comprising:

a substrate with a side;

a semiconductor device mounted on the side of the substrate;

a shield of an electrically conducting material mounted on the side of the substrate; and

an antenna mounted over the side the substrate,

wherein the shield is disposed between the antenna and the semiconductor device.

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13. (Withdrawn) The tuner module according to claim 12, wherein the shield comprises a shaped metal plate including first, second and third adjoining portions, the second shield portion being oriented substantially parallel to the substrate and at least one of the first and third shield portions connected with electrical conduction to electrical conductors at one of the sides of the substrate, and wherein the antenna comprises a shaped metal plate including first, second and third adjoining portions, the second antenna portion being oriented substantially parallel to the substrate and at least one of the first and third antenna portions connected with electrical conduction to electrical conductors at one of the sides of the substrate.

14. (Withdrawn) The tuner module according to claim 13, further comprising: a support means between the antenna and the shield in the form of a strip having a first end undetachably connected to the metal plate of the antenna and a second end fastened to the shield.

15. (Withdrawn) The tuner module according to claim 13, further comprising: an electrically insulating support means carrying the antenna, wherein the shield comprises a shaped metal plate including first, second and third adjoining portions, the second shield portion being oriented substantially parallel to the substrate and at least one of the first and third shield portions connected with electrical conduction to electrical conductors at one of the sides of the substrate, and wherein the support means is fastened on the shield.

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16. (Withdrawn) The tuner module according to claim 15, wherein the support means comprises first, second and third adjoining portions, the second support means portion being oriented substantially parallel to the substrate and the first and third shield portions extending up to the substrate.

17. (Withdrawn) An assembly including the tuner module according to claim 13, the assembly further comprising:
a carrier on which the tuner module is mounted;
at least one component mounted on the carrier and emitting radiation during operation thereof.

18. (Withdrawn) The assembly according to claim 17, wherein a height of the tuner module relative to the carrier is greater than a height of the at least one component relative to the carrier.

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19. (Withdrawn) A tuner module comprising:

a substrate;

a semiconductor device mounted on the substrate;

a shield of an electrically conducting material mounted on the substrate and, together with the substrate, enclosing the semiconductor device; and

an antenna or antenna support mounted over the shield and, together with the substrate, enclosing the shield.

20. (Withdrawn) The tuner module according to claim 19, wherein the tuner module comprises the antenna support and further comprises an antenna disposed on the antenna support.